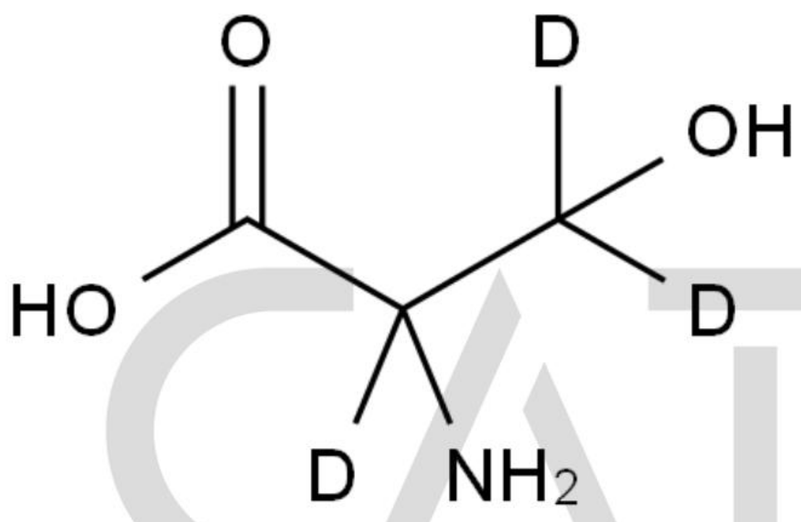
Certificate of Analysis

Reference Material & Standard

Product Name:	DL-Serine-2,3,3-d3	**Catalogue Number:**	CCFD200696
Synonyms:	N/A	**Lot Number:**	0904-RH-0056
CAS Number:	70094-78-9	**Expiry Date:**	Mar 02, 2030
Molecular Formula:	$C_3H_4D_3NO_3$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	108.11	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	ELSD	99.9%
Isotopic Purity		99.8%
Uncertainty		±0.1%

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Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: Lisa Date: Sep 07, 2026

Reviewed by: Hinlam Date: Sep 08, 2026

Approved by General Manager: David Date: Sep 08, 2026

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